

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000998

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 035 724 A (WIND TELECOMUNICAZIONI S.P.A) 13 September 2000 (2000-09-13) cited in the application paragraph '0106! - paragraph '0116! paragraph '0266! - paragraph '0275! claims 1-7	1-14
A	WO 03/094494 A (TELEFONAKTIEBOLAGET L M ERICSSON ; ZACKRISSON, PETER; HAEGGMAN, JOHAN) 13 November 2003 (2003-11-13) page 8, line 19 - page 14, line 21 figure all	1-14
A	US 2002/068546 A1 (PLUSH CHRISTOPHER ET AL) 6 June 2002 (2002-06-06) paragraph '0038! - paragraph '0059! figure all	1-14
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

24 May 2005

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01/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Patlaka, E.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/51118 A (TELEFONAKTIEBOLAGET LM ERICSSON ; LARSSON, JOHAN) 27 June 2002 (2002-06-27) page 6, line 1114 - page 7 page 8, line 9 - page 9, line 30 claims 1-14 -----	1-14
A	US 6 085 179 A (HALM ET AL) 4 July 2000 (2000-07-04) column 1, line 47 - column 2, line 44 column 3, line 26 - line 62 claims 11-16 figure 1 -----	1-14
A	US 5 991 378 A (APEL ET AL) 23 November 1999 (1999-11-23) column 2, line 35 - line 46 column 2, line 58 - column 3, line 18 claims 1-3,10 figure 1 -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000998

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1035724	A	13-09-2000	EP 1035724 A1	13-09-2000
WO 03094494	A	13-11-2003	AU 2003230511 A1	17-11-2003
			SE 0201315 A	31-10-2003
			WO 03094494 A2	13-11-2003
US 2002068546	A1	06-06-2002	GB 2313744 A	03-12-1997
			AU 6415398 A	11-12-1998
			CA 2220378 A1	23-11-1998
			WO 9853602 A1	26-11-1998
			GB 2322771 A ,B	02-09-1998
			US 6173171 B1	09-01-2001
WO 0251118	A	27-06-2002	SE 521661 C2	25-11-2003
			AU 1655202 A	01-07-2002
			CN 1481642 A	10-03-2004
			EP 1344388 A1	17-09-2003
			SE 0004672 A	19-06-2002
			WO 0251118 A1	27-06-2002
			US 2004103191 A1	27-05-2004
US 6085179	A	04-07-2000	DE 19706999 A1	27-08-1998
			CN 1193865 A ,C	23-09-1998
			EP 0860975 A2	26-08-1998
US 5991378	A	23-11-1999	DE 19634664 A1	05-03-1998
			AT 258353 T	15-02-2004
			CA 2213159 A1	28-02-1998
			DE 59711231 D1	26-02-2004
			EP 0835019 A2	08-04-1998
			JP 10164056 A	19-06-1998